

Project Profile



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Disaster Response & Recovery

Location	New Orleans, Louisiana
Client	BMS Catastrophe
Contract Amount	\$3M
Contract Type	Time and Materials
Date of Performance	September 2005
Eagle-SWS Role	Prime Contractor

Description: Following Hurricane Katrina, the city of New Orleans water treatment and delivery system was severely damaged and required weeks to repair. Without city water, hotels could not operate their chilled water air conditioning systems. Without air conditioning, the hot, humid air of New Orleans would exacerbate the growth of mold and the resulting damages. Further, hotel guests could not shower or flush toilets. Hotels needed water to remain open for the numerous relief workers and to minimize subsequent damage.

Within two days of notification of the hotels, Eagle-SWS developed and implemented an innovative approach for providing water that was necessary for operating the hotel air conditioning and sanitary facilities. Eagle-SWS tapped into the hotel's water main that brought city water into the building. The city side of the tap was blocked to prevent contaminated city water from entering the building. Eagle-SWS placed several 20,000-gallon capacity storage tanks adjacent to the hotel's water main. Water from these storage tanks was plumbed to a water pump that discharged into the hotel main. The water pump was sized to provide water pressure equal to what the city provided prior to the hurricane. The water storage tanks were continually replenished by a fleet of 5,000 gallon tankers that carried in water from St. John the Baptist Parish, an area minimally affected by the storm.

Eagle-SWS installed and operated temporary water systems for 10 separate hotels in New Orleans. Eagle-SWS provided personnel to monitor each pump and storage tank system and ensured that this critical water was available 24 hours per day, 7 days per week. Water levels were maintained by a fleet of 36 trucks operating 24 hours per day transporting the water to the various hotels. This rigorous schedule was maintained for 6 weeks while the city of New Orleans made repairs to their water treatment system. Over 1 million gallons of water were provided daily to the city.

Project Highlights

- Over 1 million gallons of water were provided daily to the City of New Orleans by implementing Eagle-SWS's innovative techniques and cutting-edge technology
- For 6 weeks, a fleet of 36 trucks transported water to damaged hotels for air conditioning and sanitation around the clock
- Eagle-SWS was able to install and operate water systems for 10 hotels in the city of New Orleans

Eagle-SWS's system of providing water allowed the hotels to open and service the relief workers for the six weeks that city water was unavailable. In addition, without Eagle-SWS's water service, these hotels would have sustained significantly more mold damage and the time required for mold

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remediation would have greatly increased.